

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawings dated 8/9/02 are

acceptable. The following items under 37 CFR 1.84(a) are not in accordance with the requirements of the law. The Examiner is required to make the necessary corrections when necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS. 37 CFR 1.84(a). Acceptable drawing requirements:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Black ink only. <input checked="" type="checkbox"/> All drawings are in black ink except for lettering designated "Fig.s" _____. <input checked="" type="checkbox"/> Pen and non-black ink not permitted. Figs(s) _____. <p>2. PHOTOGRAPHS. 37 CFR 1.84(b).</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Full-tone PC required. Figs(s) _____. <input checked="" type="checkbox"/> Photograph may not be mounted. 37 CFR 1.84(c). <input checked="" type="checkbox"/> Postage meter label. Figs(s) _____. <p>3. TYPE OF PAPER. 37 CFR 1.84(d).</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Paper weight acceptable white and tan only. Figs(s) _____. <input checked="" type="checkbox"/> Eraser, lubricants, wax, tapes, instruments, folders, pins, tacks, needles not accepted. Figs(s) _____. <input checked="" type="checkbox"/> Material or paper not acceptable. Figs(s) _____. <p>4. SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> 21 cm wide 29.7 cm. DIN size A4. <input checked="" type="checkbox"/> 21.6 cm wide 39.9 cm. S-12 X 11 inches. <input checked="" type="checkbox"/> All drawings must be the same size. <input checked="" type="checkbox"/> Spec. size _____. <input checked="" type="checkbox"/> Drawing fractions not acceptable. Figs(s) _____. <p>5. MARGINS. 37 CFR 1.84(g). Acceptable margins:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Top 2.5 cm Left 2.5 cm Right 1.8 cm Bottom 1.8 cm. S-12 - A4 Size. <input checked="" type="checkbox"/> Top 2.5 cm Left 2.5 cm Right 1.8 cm. Bottom 1.8 cm. S-12 - S-12 X 11. <p>Margins not acceptable. Figs(s) _____.</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Top _____ Left _____ Right _____ Bottom _____. <input checked="" type="checkbox"/> Right _____ Bottom _____. <p>6. VIEWS. 37 CFR 1.84(h).</p> <p>REMINDER: Specification must be referred to and correspond to drawings.</p> <p>Printed views. 37 CFR 1.84(h)(2).</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Brackets need descriptive legends in center. Figs(s) _____. <input checked="" type="checkbox"/> Missing legends descriptive of prints. Figs(s) _____. <input checked="" type="checkbox"/> Emerged views not described in descriptive prints. Figs(s) _____. <p>7. SECTIONAL VIEWS. 37 CFR 1.84(i).</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Hidden parts indicated by section lines portions of an object. Figs(s) _____. <input checked="" type="checkbox"/> Section lines not drawn in a straight line. Figs(s) _____. <input checked="" type="checkbox"/> Section lines not drawn in a straight line. Figs(s) _____. <p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(j).</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Words do not appear on a horizontal line to right of view when page is either upright or turned so that the top becomes the right side, except for grants. Figs(s) _____. <p>9. SCALE. 37 CFR 1.84(k).</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds or reproduction. Figs(s) _____. <p>10. CHARACTER OF LINES, NUMBERS & LETTERS. 37 CFR 1.84(l).</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black pencil-like quality. Figs(s) _____. <p>11. SHADING. 37 CFR 1.84(m).</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Solid black areas poor. Figs(s) _____. <input checked="" type="checkbox"/> Solid black shading not permitted. Figs(s) _____. <input checked="" type="checkbox"/> Shaded lines, pale, rough and blurred. Figs(s) _____. <p>12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p).</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Numbers and reference characters not plain and regular. Figs(s) _____. <input checked="" type="checkbox"/> Edge legends are poor. Figs(s) _____. <input checked="" type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1). <input checked="" type="checkbox"/> Fig. s _____. <input checked="" type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2). <input checked="" type="checkbox"/> Figs _____. <input checked="" type="checkbox"/> Numbers, letters and reference characters must be at least 32 cm (1 1/8 inch) in height. 37 CFR 1.84(p)(3). <input checked="" type="checkbox"/> Figs _____. <p>13. LEAD LINES. 37 CFR 1.84(q).</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Lead lines cross each other. Figs(s) _____. <input checked="" type="checkbox"/> Lead lines missing. Figs(s) _____. <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(r).</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Sheets not numbered consecutively, and in Arabic numerals, beginning with number 1. Sheets _____. <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(s).</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Figs(s) _____. <p>16. CORRECTIONS. 37 CFR 1.84(w).</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Corrections not made in compliance with 37 CFR 1.94. <input checked="" type="checkbox"/> Fig. s _____. <p>17. DESIGN DRAWINGS. 37 CFR 1.152.</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Surface shading shown not kept pure. Figs(s) _____. <input checked="" type="checkbox"/> Solid black shading not used to keep pure. Figs(s) _____. 	<p>Comments _____</p>
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REVIEWER K.L.Bell DATE 11/18/02 TELEPHONE NO. 703-306-3224

ATTACHMENT TO PAPER NO. 5

Attachment for PTO-948 (Rev. 03/01, or earlier)

6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shorter statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.